PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION International Bureau



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6:

(11) International Publication Number:

WO 98/18449

A61K 9/00, 9/14, 9/20

A1

(43) International Publication Date:

7 May 1998 (07.05.98)

(21) International Application Number:

PCT/US97/19779

(22) International Filing Date:

29 October 1997 (29.10.97)

(30) Priority Data:

60/029,850 30 October 1996 (30.10.96) US 9624800.0 29 November 1996 (29.11.96) **GB** US Corporate Center, Indianapolis, IN 46285 (US).

(74) Agents: SALES, James, J. et al.; Eli Lilly and Company, Lilly

60/040,260

10 March 1997 (10.03.97)

(81) Designated States: AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CV, CZ, BE, GE, GH, HV, IB, IL, IS, IF, KE, KG, KF, KR, KZ, IC, IK, IK, IS, IT, LV, MD, MG, MK, MN, MW, MX, NO, NZ, BL, RØ, RU, SØ, SØ, SI, SK, SL, TL, TM, TR, TT, UA, UG, US, UZ, VN, YU, TW, AB, TD, CARRATTE, AND AND AND THE SECONDARY CO. ZW, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TI, TM), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE/ŞN, TD, PG).

(71) Applicant (for all designated States except US): ELI LILLY AND COMPANY [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): COHEN, Fredric, J. [US/US]; 8330 Catamaran Drive, Indianapolis, IN 46236 (US). ECKERT, Robert, S. [US/US]; 6252 Douglas Road, Indianapolis, IN 46220 (US). GLUSMAN, Joan, E. [US/US]; 8650 Green Braes South Drive, Indianapolis, IN 46234 (US). KNICKERBOCKER, Ronald, K. [US/US]; 6133 Drawbridge Lane, Indianapolis, IN 46250 (US). NICKELSEN, Nikolaus, T. [DE/DE]; Sodener Weg 42, D-65812 Bad Soden (DE). SCOTT, Teri, J. [US/US]; 511 Cedar Lake Court, Carmel, IN 46032 (US).

Published

With international search report.

(54) Title: METHODS OF PREVENTING BREAST CANCER

$$OCH_2CH_2$$
-N

OH

OH

(57) Abstract

A method of preventing breast cancer comprising administering for a sufficient term to a human in need thereof an effective amount of a compound having formula (I) and pharmaceutically acceptable salts and solvates thereof.

> "Express Mail" mailing label number Date of Deposit:

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 110 on the date indicated above nd is addressed to the Commissioner for.

nt, P.O. Box 1650, Alexandria, VA. 22313-1450 TOMAS

(Typed of Printed name of person mailing paper)

(Signature of person mailing paper or fee)

FOR THE PURPOSES OF INFORMATION ONLY

Codes used to identify States party to the PCT on the front pages of pamphlets publishing international applications under the PCT.

AL	Albania	ES	Spain	LS	Lesotho	SI	Slovenia
AM	Armenia	FI	Finland	LT	Lithuania	SK	Slovakia
AT	Austria	FR	France	LU	Luxembourg	SN	Senegal
AU	Australia	GA	Gabon	LV	Latvia	SZ	Swaziland
AZ	Azerbaijan	GB	United Kingdom	MC	Monaco	TD	Chad
BA	Bosnia and Herzegovina	GE	Georgia	MD	Republic of Moldova	TG	Togo
BB	Barbados	GH	Ghana	MG	Madagascar	TJ	Tajikistan
BE	Belgium	GN	Guinea	MK	The former Yugoslav	TM	Turkmenistan
BF	Burkina Faso	GR	Greece		Republic of Macedonia	TR	Turkey
BG	Bulgaria	HU	Hungary	ML	Mali	TT	Trinidad and Tobago
BJ	Benin	1E	Ireland	MN	Mongolia .	UA	Ukraine
BR	Brazil	IL	Israel	MR	Mauritania	UG	Uganda
BY	Belarus	18	Iceland	MW	Malawi	US	United States of Americ
CA	Canada	IT	ltaly	MX	Mexico	U2	Uzbekistan
CF	Central African Republic	JP	Japan	NE	Niger	VN	Viet Nam
CG	Congo	KE	Kenya	NL	Netherlands	YU	Yugoslavia
CH	Switzerland	KG	Kyrgyzstan	NO	Norway	ZW	Zimbabwe
CI	Côte d'Ivoire	KP	Democratic People's	NZ	New Zealand		
CM	Cameroon		Republic of Korea	PL	Poland		•
CN	China	KR	Republic of Korea	PT	Portugal		
CU	Cuba	KZ	Kazakstan	RO	Romania		•
CZ	Czech Republic	LC	Saim Lucia	RU	Russian Federation		
DE	Germany	·u	Liechtenstein .	SD	Sudan		
DK	Denmark	. LK	Sri Lanka	SE	Sweden		
EE	Estonia	LR	Liberia	SG	Singapore		